

# CREATING HARVARD'S SUSTAINABLE COMMUNITY: 2018 SNAPSHOT

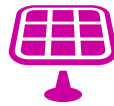
## EMISSIONS & ENERGY

HARVARD'S CLIMATE ACTION PLAN sets an ambitious path forward to shift campus operations **AWAY FROM FOSSIL FUELS**. The plan includes two bold, science-based targets:

### FOSSIL FUEL-FREE BY 2050



**NET REDUCTION** in energy use. Reductions in building energy use from **ENERGY EFFICIENCY MEASURES OFFSET** the impact of **GROWTH IN SQUARE FOOTAGE**.



**MORE THAN 1.6 MW** of **SOLAR PROJECTS** installed on campus to date

**HIGHLY EFFICIENT DISTRICT ENERGY SYSTEM** powering new initiatives in Allston, prioritizes climate resiliency, and includes the **LARGEST THERMAL STORAGE TANK** in Massachusetts



## HEALTH & WELL-BEING

Harvard's **HEALTHIER BUILDING MATERIALS ACADEMY, IN PARTNERSHIP WITH RESEARCHERS**, worked with **30 MAJOR CAPITAL PROJECTS** across campus, collaborated with **100+ MANUFACTURERS** to get them to remove harmful chemicals from their products, and institutionalized healthier building materials requirements into **HARVARD'S GREEN BUILDING STANDARDS**.



9 Schools are **SMOKE- OR TOBACCO-FREE**, as well as Harvard Yard, North Yard, and all Harvard University Housing properties.

## NATURE & ECOSYSTEMS



Increased access to daylight and nature are a feature of the newly renovated Richard A. and Susan F. Smith Campus Center. The center includes an open-air vitrine garden and **8 GREEN WALLS WITH 12,000 PLANTS**.

**14 VEGETATED GREEN ROOFS** across campus promote biodiversity, prevent stormwater runoff, and reduce building energy consumption.

## CAMPUS OPERATIONS

**134 LEED CERTIFIED PROJECTS**, more than any higher education institution in the world.



**24%** decrease in **WATER USE**.



**SINGLESTREAM RECYCLING, COMPOSTING, and REUSE** contributed to **40%** drop in per capita waste.



**85%** of commuters use sustainable transportation (**81% OF LONGWOOD COMMUTERS**)

**13 BLUE BIKES STATIONS** supported by the University, **6,300+ BIKE PARKING SPACES**,

**NINE BIKE REPAIRS STATIONS**.



First University on the east coast to **INSTALL SIDE GUARDS** on all large University-owned trucks to **PROTECT CYCLISTS AND PEDESTRIANS**.



**UNIVERSITY-WIDE SUSTAINABLE IT STANDARDS** approved, focusing on tangible actions that Schools and departments can take in three core areas of **WASTE, ENERGY, AND PRACTICE**.

## CULTURE CHANGE &

**12 RESEARCH PROJECTS** underway, supported by the **\$700,000 CAMPUS SUSTAINABILITY INNOVATION FUND**, which use Harvard and the local community as a **LIVING LAB**.

**\$5 MILLION CLIMATE CHANGE SOLUTIONS FUND** supported 40 multi-disciplinary projects since 2014.

**229 RECOGNIZED GREEN OFFICES** working together to create more sustainable workspaces on campus.

A **NEW CONCENTRATION IN ENVIRONMENTAL SCIENCE AND ENGINEERING** was established for students in the fall of 2018.



**86 STUDENT SUSTAINABILITY GRANTS** funded since 2010.